

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	JP2002-270199A	JPO; DERWENT	ADJ	ON	2009/02/09 16:09
S2	1	JP2002270199A	JPO; DERWENT	ADJ	ON	2009/02/09 16:09
S3	109	fuel cell and (humidif\$5 same fiber same membrane)	JPO; DERWENT	ADJ	ON	2009/02/09 16:23
S5	19	fuel cell and (humidif\$5 same fiber same membrane) and @pd<"20021224"	JPO; DERWENT	ADJ	ON	2009/02/09 16:23
S6	53	fuel cell and (humidif\$5 same fiber same membrane) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/09 16:28
S8	0	fuel cell and (humidif\$5 same fiber same membrane same water retaining) and @pd<"20031222"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 10:13
S9	9	fuel cell and (fiber with membrane with across) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 10:17
S10	232	fuel cell and ((capillary or fiber) with membrane with electrode) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 10:20
S11	29	fuel cell and ((capillary or fiber) with membrane with electrode with water) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 10:21

S12	1535	429/12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 10:40
S13	542	429/122.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 10:40
S14	47	fuel cell and (dry\$3 with anode with (fiber or capillary or cloth or water \$retaining))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 11:00
S15	0	fuel cell and (dry\$3 with anode with water reclamation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 11:02
S16	0	fuel cell and (dry\$3 same anode same water reclamation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 11:04
S17	0	fuel cell and ((fiber or cloth or capillary) same water reclamation same (electrode or anode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 11:04
S18	28	fuel cell and ((fiber or cloth or capillary) same water transfer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 11:05
S19	14	fuel cell and ((fiber or cloth or capillary) same water transfer) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 11:05

S20	10	fuel cell and (internal water management)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 11:14
S22	429	fuel cell and (membrane with (dehumidif\$8 or moisture deplet\$4 or water management))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 11:50
S23	38	"5853909"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 12:06
S24	79	"5700595"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 12:06
S25	165	"5503944"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 12:06
S26	86	("20010038933"   "20030031913"   "20030165720"   "20030170508"   "20040028974"   "4345008"   "4543303"   "4756981"   "4767680"   "4826741"   "4910101"   "5260143"   "5316871"   "5563109"   "5700595"   "5863395"   "5972530"   "6083638"   "6117288"   "6167721"   "6248476"   "6277513"   "6322915"   "6326097"   "6350539"   "6451470"   "6465119"   "6521367"   "6572997"   "6576358"   "6607858"   "6617068"   "6632553"   "6638400"   "6649299"   "6686084"   "6723461"   "6740445"   "6783881"   "6783882"   "6794077"   "6824900").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/10 12:08

S27	231	429/14.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:37
S28	1794	429/17.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:37
S29	2402	429/38.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:37
S30	1107	429/39.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:37
S31	486	429/49.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:37
S32	130	429/71.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:37
S33	511	429/72.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:37
S34	228	429/103.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:37
S35	2780	429/30.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:37
S36	1945	429/33.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:37
S37	776	429/17.ccls. and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:43
S38	445	429/38.ccls. and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:43

S39	392	429/39.ccls. and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:44
S40	432	429/49.ccls. and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:44
S41	95	429/71.ccls. and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:44
S42	396	429/72.ccls. and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:44
S43	214	429/103.ccls. and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:44
S44	735	429/30.ccls. and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:44
S45	637	429/33.ccls. and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:44
S46	166	429/14.ccls. and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:44
S47	0	L33-L42 and water	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:53
S48	28	429/33.ccls. and @pd<"20021224" and (membrane with water transport\$8)	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:55
S49	49	429/33.ccls. and @pd<"20021224" and (membrane with humidif \$9)	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 15:58
S50	0	(capillary action with crossover with (membrane or electrode))	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 16:18

S51	2363	(crossover with (membrane or electrode))	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 16:19
S52	15	(fiber with crossover with (membrane or electrode))	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 16:19
S53	6	(fiber with crossover with (membrane or electrode)) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 16:24
S54	502	(fiber same integrated same electrode) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 16:25
S55	35	(water same fiber same integrated same electrode) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 16:25
S56	3	(water same retain\$4 same fiber same integrated same electrode) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 16:26
S57	1058	(fiber with (embedded or impregnated or integrated) with (electrode or membrane)) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 16:35
S58	106	(fiber with (embedded or impregnated or integrated) with (electrode or membrane)) and fuel cell and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/10 16:37
S59	0	silic\$4 with diameter of micrometer and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:15
S60	973	silic\$4 with diameter with micrometer and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:15
S61	187	silic\$4 with diameter with (("0.10" or "100") same micrometer) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:16

S62	733	silic\$4 same diameter same (("0.10" or "100") same micrometer) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:17
S63	90	silic\$4 with diameter with (("0.10" or "100") near micrometer) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:17
S64	2	silic\$4 with diameter with (("0.10" or "100") near micrometer) with (cloth or sheet or fabric) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:18
S65	50	diameter with (("0.10" or "100") near micrometer) with (cloth or sheet or fabric) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:19
S66	0	metal oxide with diameter with (("0.10" or "100") near micrometer) with (cloth or sheet or fabric) and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:20
S67	0	silica tubes with ("0.10" or "100") @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:20
S68	79	silica tubes with ("0.10" or "100") and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:20
S69	25	silica tubes with ("0.10" or "100") with diameter and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:21
S72	197	silica with hollow with diameter and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:22
S73	25	silica with hollow with ("0.10" or "100") with diameter and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:22
S74	197	silica with hollow with diameter and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:22
S75	57	silic\$4 with hollow with ("0.10" or "100") with diameter and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:41

S76	0	silicon dioxide with hollow with ("0.10" or "100") with diameter and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:52
S77	1570	silica (tube or fiber) same diameter and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:54
S78	32	(silica (tube or fiber) with micrometer) same diameter and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:55
S79	25	(silica (tube or fiber) with micrometer) same diameter and thick\$4 and @pd<"20021224"	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 13:58
S80	0	"64398751" B1 and jones	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 14:15
S81	0	"64398751" B1	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 14:15
S82	1	"6439751" B1	US-PGPUB; USPAT; USOCR; IBM_TDB	ADJ	ON	2009/02/11 14:15
S83	16281	H01M008/02.ipc.	EPO; JPO	ADJ	ON	2009/02/12 12:38
S84	17598	H01M008/04.ipc.	EPO; JPO	ADJ	ON	2009/02/12 12:38
S85	15199	H01M008/10.ipc.	EPO; JPO	ADJ	ON	2009/02/12 12:38
S87	19929	H01M8/02.ipcr.	DERWENT	ADJ	ON	2009/02/12 12:38
S88	21783	H01M8/04.ipcr.	DERWENT	ADJ	ON	2009/02/12 12:39
S89	18253	H01M8/10.ipcr.	DERWENT	ADJ	ON	2009/02/12 12:39
S90	8	(S83 or S84 or S85 or S87 or S88 or S89) and @pd<"20021224" and fuel cell and ((fiber or cloth or capillary) same (electrode or anode or cathode) same transport)	EPO; JPO; DERWENT	ADJ	ON	2009/02/12 12:40



S91	361	(S83 or S84 or S85 or S87 or S88 or S89) and @pd<"20021224" and fuel cell and ((fiber or cloth or capillary) same (electrode or anode or cathode))	EPO; JPO; DERWENT	ADJ	ON	2009/02/12 12:41
S92	0	(S83 or S84 or S85 or S87 or S88 or S89) and @pd<"20021224" and fuel cell and ((fiber or cloth or capillary) same (electrode or anode or cathode)) and water diffusion	EPO; JPO; DERWENT	ADJ	ON	2009/02/12 12:42
S93	4	(S83 or S84 or S85 or S87 or S88 or S89) and @pd<"20021224" and fuel cell and water diffusion	EPO; JPO; DERWENT	ADJ	ON	2009/02/12 12:42
S94	22	(S83 or S84 or S85 or S87 or S88 or S89) and @pd<"20021224" and fuel cell and ((fiber or cloth or capillary) same (metal oxide or silic\$6) same (electrode or anode or cathode))	EPO; JPO; DERWENT	ADJ	ON	2009/02/12 12:44
S95	2	(S83 or S84 or S85 or S87 or S88 or S89) and @pd<"20021224" and fuel cell and ((water diffusion or water transport\$7) same (metal oxide or silic\$6) same (electrode or anode or cathode))	EPO; JPO; DERWENT	ADJ	ON	2009/02/12 12:47
S96	0	(S83 or S84 or S85 or S87 or S88 or S89) and @pd<"20021224" and (fiber same integrate same electrode)	EPO; JPO; DERWENT	ADJ	ON	2009/02/12 12:50
S97	4	(S83 or S84 or S85 or S87 or S88 or S89) and @pd<"20021224" and (fiber same integrat\$6 same electrode)	EPO; JPO; DERWENT	ADJ	ON	2009/02/12 12:50

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